

CLAIMS

What is claimed is:

1. A display system comprising:
 - a platform;
 - a display pivotally attached to said platform and being operable between a first position and at least a second position; and
 - at least one sensor;
 - wherein an output of said sensor correlates to said position of said display.
2. The display system of claim 1, wherein said sensor outputs a signal that is used to identify a direction of display pivot.
3. The display system of claim 1, wherein said sensor outputs a signal that is used to identify an amount of display pivot.
4. The display system of claim 1, wherein said sensor comprises at least one of an electrical contact and a photon based sensor.
5. The display system of claim 1, said display further comprising a display support that pivotally attaches said display to said platform.
6. The display system of claim 5, wherein said display support comprises:
 - at least one support member rigidly attached to said display; and
 - at least one pivot member rigidly attached to said at least one support member and pivotally attached to said platform.
7. The display system of claim 6, further comprising a structural member having at least one protrusion and said at least one pivot member comprising a channel approximately located on a circumference of said pivot member, said channel disposed to receive said at least one protrusion.

8. The display system of claim 5, wherein said display support comprises:
 - at least one support member attached to said platform; and
 - at least one pivot member rigidly attached to said at least one support member and pivotally attached to said display.
9. The display system of claim 8, said display comprising at least one protrusion and said at least one pivot member comprising a channel approximately located on a circumference of said pivot member, said channel disposed to receive said at least one protrusion.
10. The display system of claim 1, said display being rotationally operable about an axis that is substantially perpendicular to a top surface of said display.
11. The display system of claim 10, wherein said sensor measures a direction of rotation of said display.
12. The display system of claim 10, wherein said sensor measures an amount of rotation of said display.
13. The display system of claim 1, further comprising a display lock that prevents said display from pivoting when the display system is in a lock mode.
14. The display system of claim 13, wherein said display lock comprises at least one locking member that is operable between a retracted position wherein said locking member is not in contact with said display and an extended position wherein said locking member contacts said display, said locking member contact with said display preventing said display from pivoting.

15. The display system of claim 13, wherein said display lock comprises a display retractor that retracts said display from an extended position wherein said display is pivotal to a retracted position wherein said display contacts a rigid structure, said contact with said rigid structure preventing said display from pivoting.
16. The display system of claim 1, further comprising a skirt, said skirt extending from a perimeter of said display to at least one of said platform and a device surface to form a barrier.
17. The display system of claim 1, wherein said display pivots from said first position to said second position upon the application of a tactile force.
18. The display system of claim 17, further comprising a plurality of tension members disposed between said display and said platform, said tension members returning said display from said second position to said first position when said application of said tactile force ceases.
19. The display system of claim 1, wherein said platform is in a fixed position.
20. The display system of claim 1 further comprising a graphical user interface (GUI), said GUI presenting graphical information on said display and receiving at least one input correlating to which of said positions the display is disposed.
21. A device comprising a display system, the display system comprising:
 - a platform; and
 - a display pivotally attached to said platform and being operable between a first position and at least a second position;

wherein the device receives at least one input signal from the display system, said input signal correlating to which of said positions the display is disposed.

22. A device comprising:
 - a display pivotally mounted on a support structure within the device; and
 - means for connecting an input for the device in response to a tactile force transferred to the support structure.